

10/677 p22

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=> file biosis medline caplus wpids uspatfull  
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\*\*\* YOU HAVE NEW MAIL \*\*\*

=> s substrate (6a) acrylamide  
L1 465 SUBSTRATE (6A) ACRYLAMIDE

=> s l1 and 40 (4a) acrylamide  
L2 23 L1 AND 40 (4A) ACRYLAMIDE

=> s l2 and (thermochemi? or photochemic?)  
L3 5 L2 AND (THERMOCHEMI? OR PHOTOCHEMIC?)

=> dup rem l3  
PROCESSING COMPLETED FOR L3  
L4 5 DUP REM L3 (0 DUPLICATES REMOVED)

=> d l4 bib abs 1-5

L4 ANSWER 1 OF 5 USPATFULL on STN

AN 2003:51106 USPATFULL

TI Method of fabrication of microarray of gel-immobilized compounds on a chip by copolymerization

IN Mirzabekov, Andrei, Darien, IL, UNITED STATES

Timofeev, Edward, Moscow, RUSSIAN FEDERATION

Vasiliskov, Vladim, Moscow, RUSSIAN FEDERATION

PI US 2003036063 A1 20030220

US 6656725 B2 20031202

AI US 2001-930865 A1 20010815 (9)

DT Utility

FS APPLICATION

LREP CHERSKOV & FLAYNIK, THE CIVIC OPERA BUILDING, 20 NORTH WACKER DRIVE, SUITE 1447, CHICAGO, IL, 60606

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN 5 Drawing Page(s)

LN.CNT 528

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for making polymerized molecules is provided whereby a solution containing monomer is contacted to a solid substrate so as to form discrete accumulations of the monomer on the substrate; and the accumulations are contacted with a polymerizing agent, wherein the agent

is dispersed in a vehicle which prevents cross contamination of the accumulations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 5 USPATFULL on STN  
AN 93:58945 USPATFULL  
TI Modification of polymeric surface by graft polymerization  
IN Cahalan, Patrick T., Stein, Netherlands  
Verhoeven, Michel, Maastricht, Netherlands  
PA Medtronic, Inc., Minneapolis, MN, United States (U.S. corporation)  
PI US 5229172 19930720  
AI US 1993-5698 19930119  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Pianalto, Bernard  
LREP Patton, Harold R., Latham, Daniel W.  
CLMN Number of Claims: 14  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 638

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for modifying the surface characteristics of a polymeric material by irradiating a surface of the polymeric material in the presence of an oxygen and then grafting acrylamide to the irradiated surface by contacting the irradiated surface with an aqueous solution including acrylamide monomer and ceric ion. Grafted polymer surfaces with dense surface coverage are produced without using a deaerated monomer solution. Biofunctional molecules can be ionically or covalently bonded to the grafted surface.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 5 USPATFULL on STN  
AN 91:36262 USPATFULL  
TI Siloxane soluble (CH.sub.3).sub.3 SiO.sub.1/2 /SiO.sub.2 (M/Q) resins with amine and amide organofunctionality  
IN Wright, Antony P., Rhodes, MI, United States  
Varaprath, Padmakumari J., Midland, MI, United States  
PA Dow Corning Corporation, Midland, MI, United States (U.S. corporation)  
PI US 5013577 19910507  
AI US 1990-570668 19900822 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Marquis, Melvyn I.; Assistant Examiner: Glass, M.  
LREP Killworth, Gottman, Hagan & Schaeff  
CLMN Number of Claims: 40  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 922

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Organosilicon amine capped resins are prepared by reacting silanol siloxane resins with a cyclic silazane. The product organosilicon amine capped resins are reacted with an acyl halide to yield siloxane resins with amide organofunctionality. The later reaction is especially useful for obtaining acrylamide organofunctionality which is polymerizable and useful in formulating coating compositions such as pressure sensitive adhesives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 5 USPATFULL on STN  
AN 75:68520 USPATFULL  
TI Photopolymer lithographic plate element

IN Breslow, David S., Wilmington, DE, United States  
Simpson, David A., Wilmington, DE, United States  
PA Hercules Incorporated, Wilmington, DE, United States (U.S. corporation)  
PI US 3926642 19751216  
AI US 1974-454624 19740325 (5)  
RLI Division of Ser. No. US 1972-305209, filed on 9 Nov 1972, now patented,  
Pat. No. US 3847609  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Smith, Ronald H.  
LREP Staves, Marion C.  
CLMN Number of Claims: 2  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1072

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns a process for making photographic images. The process involves the photooxygenation of a film of an extralinearly unsaturated polymer containing allylic hydrogens, followed by treatment of the exposed film with a reactant which will form a graft polymer structure in the exposed areas of the film.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 5 USPATFULL on STN  
AN 74:52517 USPATFULL  
TI PHOTOPOLYMER PROCESS FORMING GRAFT POLYMERS IN EXPOSED AREAS  
IN Breslow, David W., Wilmington, DE, United States  
Simpson, David A., Wilmington, DE, United States  
PA Hercules Incorporated, Wilmington, DE, United States (U.S. corporation)  
PI US 3847609 19741112  
AI US 1972-305209 19721109 (5)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Brown, J. Travis  
LREP Staves, Marion C., Whitson, John W.  
CLMN Number of Claims: 26  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1129

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns a process for making photographic images. The process involves the photooxygenation of a film of an extralinearly unsaturated polymer containing allylic hydrogens, followed by treatment of the exposed film with a reactant which will form a graft polymer structure in the exposed areas of the film.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.